**Algebra Readiness**

**Unit 2 ~ Introduction to Isometries**

**\*Algebra Readiness website – http://evergreenalgebrareadiness.wikispaces.com\***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Date** | **DW** | **Learning Goal** | **Lesson Activity** | **Assignment** | **Due Date** |
| 9/3 |  | **Demonstrate Mastery of Symmetry and Integers** | Unit 1 Quiz | Finish Multiplication and Division Wksht (M1) | 9/8 |
| 9/7 |  | **Acuity** | Testing | Finish HW from Friday ☺ | 9/8 |
| 9/8  *Block* | **2DW1** | **Focus Day 1:**  Exploring Transformations | Transformation Activity (*FM A and B*); Focus Student Activity 2.1; *Math’s Mate 1-2 #1-20;* Introduction of Isometries (*FM C and D*) | Focus Student Activity 2.2 | 9/10 |
| 9/10 | **2DW2** | **Focus Day 2:**  Exploring Frieze Patterns | Frieze Pattern Activity (*FM E, F, G, and H*);  Explore Last Year’s Frieze Patterns; *Review Order of Operations* | Order of Operations Wksht | 9/13 |
| 9/13 | **2DW3** | **Focus Day 3:**  Exploring Tessellations | Making Observations about Tessellations (*FM I)*; *Review Integers and Absolute Value;* Creating Tessellations with and without symmetry | Integers and Absolute Value Wksht | 9/14 |
| 9/14 | **2DW4** | **Focus Day 4:**  Tessellations with Polygons | Tessellations with given symmetries activity; *Review Multiplication and Division of Integers; Integer Foldable;* Tessellating Polygons activity (*FM J)* | Multiplication and Division of Integers Wksht  *Bring Markers and Colored Pencils to next class!* | 9/15 |
| 9/15  *Block* | **2DW5** | **Focus Day 5:**  Creating Original Tessellations | Do all shapes tessellate?; Explore Tessellation Project (*FSA 2.3 Procedures A-D)* | Tessellation Project- Directions and Rubric given in class. **Due 9/20** | 9/20 |
| 9/17 | **2DW6** | **Demonstrate Mastery of Order of Operations; Integer Operations; Absolute Value** | **Quiz and Project Work time** | Tessellation Projects **due 9/20** | 9/20 |

**\*If you are absent, you must make up both Lesson Activity and Class Assignment for the day(s) you missed!\***